

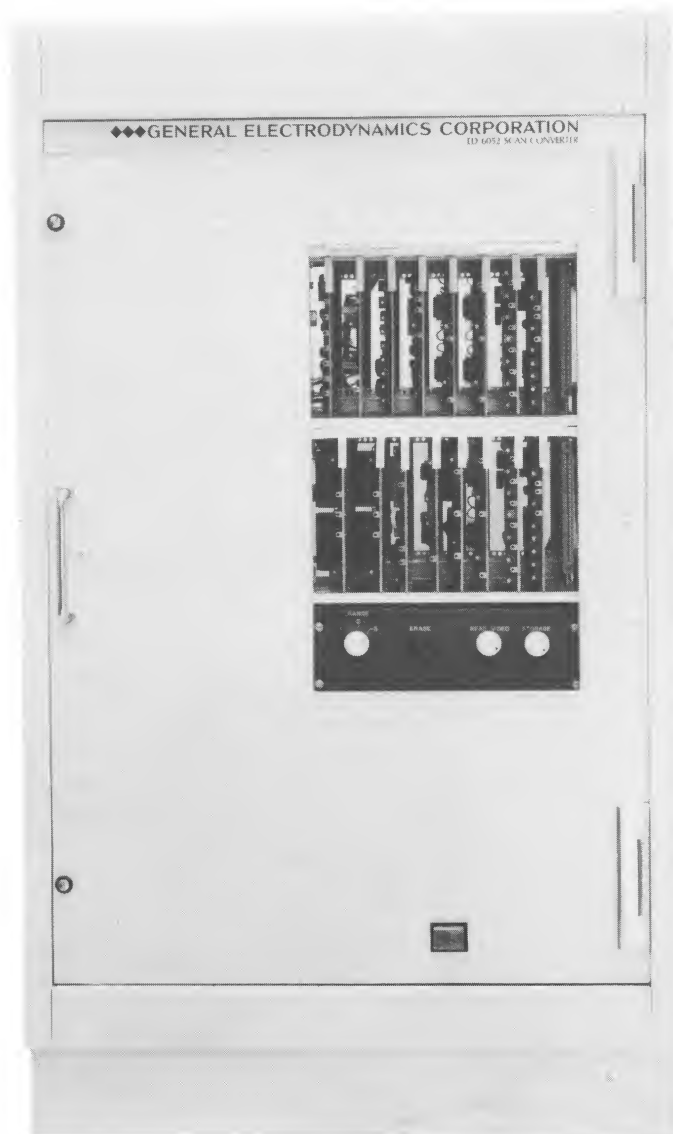


GENERAL ELECTRODYNAMICS CORPORATION

ED 6052 SCAN CONVERTER



- ◆◆◆ **BRIGHT DISPLAY** Bright television display can be easily viewed, even in normally illuminated rooms. Any number of monitors can be connected to the ED 6052, thereby providing multiple viewing screens at strategic locations.
- ◆◆◆ **CONTROLLABLE STORAGE** By adjusting the storage period the television presentation can be optimized for any antenna rotation. After an image is read in, storage can be adjusted to provide a long period for concentrated study of the phenomena.
- ◆◆◆ **DIRECTLY RECORDABLE** The composite video signal may be used with any recording equipment presently available for television. Additionally, the bright monitor display can be readily photographed.



GENERAL ELECTRODYNAMICS CORPORATION ED 6052 SCAN CONVERTER CONVERTS RADAR INFORMATION TO STANDARD TV DISPLAY

ADJUSTABLE STORAGE for display optimization
DYNAMIC FOCUSING for uniform resolution
RHO-THETA SWEEPS generated and rotated electronically
RANGE RINGS electronically generated

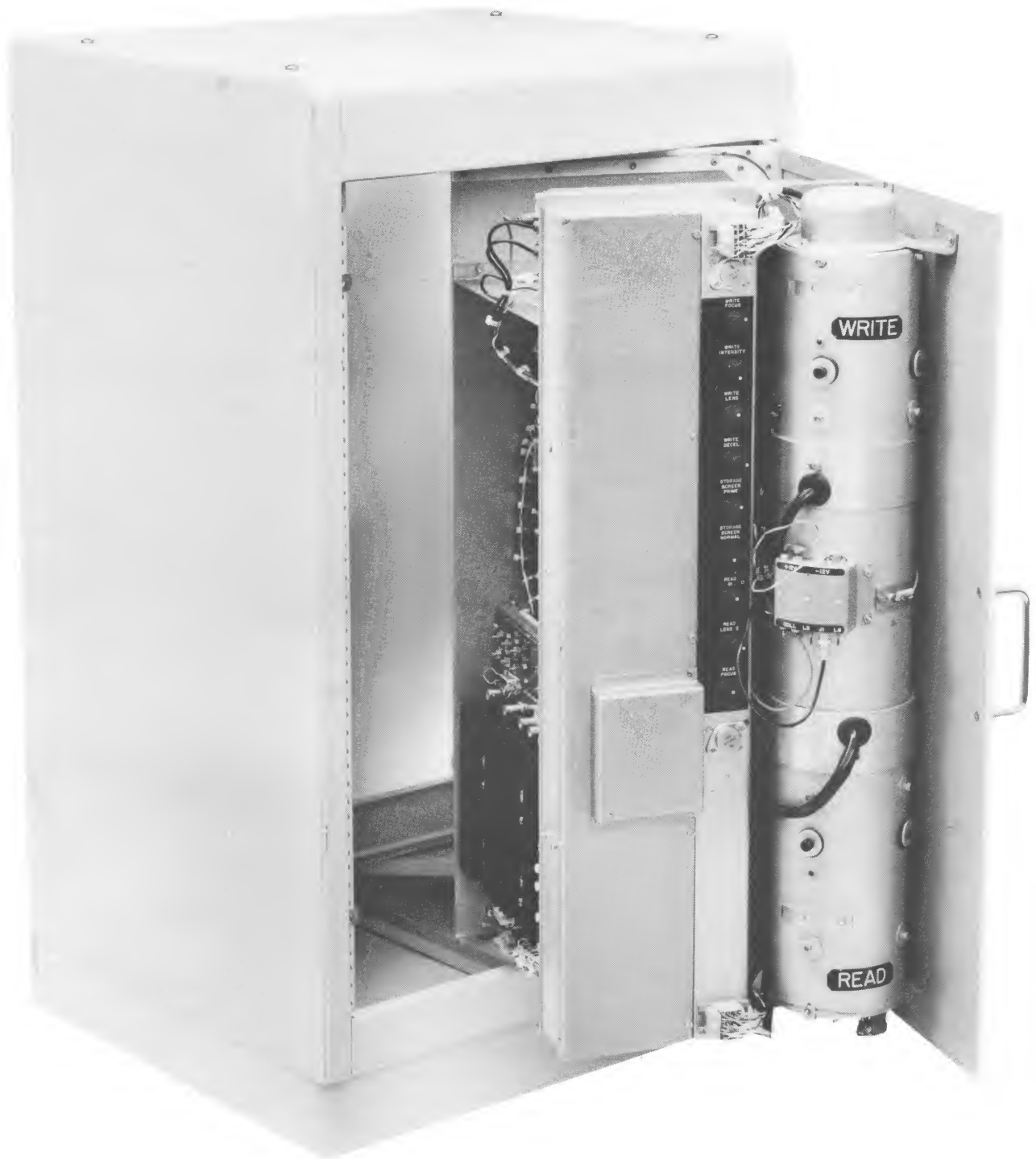
REMOTE CONTROL of both range change and erase function

MAP OVERLAY GENERATOR available for superimposing area map to aid viewer in orienting himself with the radar presentation

FRONT PANEL is hinged for complete front access

COMPLETELY TRANSISTORIZED with plug-in circuitry

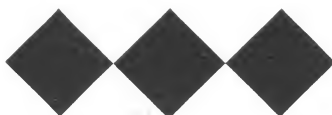
STANDARD 19" RACK MOUNTING

**INPUTS:**

110 VAC 60 cps, 1.5a
Antenna synchro or resolver signal
Sweep trigger
Radar video
Television sync and blanking

OUTPUTS:

Television rate composite video signal
which can be used to drive any number
of closed circuit television monitors



*Let's talk about
your application*
area 214 phone BR 6-1161

ELECTRONICS DIVISION

GENERAL ELECTRODYNAMICS CORPORATION, GARLAND, TEXAS
P. O. BOX 798 BROADWAY 6-1161

RADAR

to

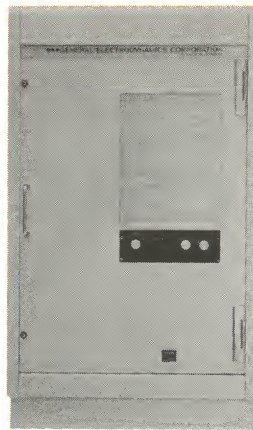
TELEVISION

ED 6052 SCAN CONVERTER

This compact, low cost system is used to convert one scan format to another, such as radar to television. The system is designed around GEC's TD 1366 Barrier Grid Type Scan Converter tube which has high resolution and long storage time. Information can be stored for several hours without reading, can be read several thousand times, or can be deliberately erased in a fraction of a second. For radar applications, the gradual erasure can be varied from a few seconds to several minutes. Resolution is 800 lines, with 10 shades of grey.

- ◆◆◆ BRIGHT DISPLAY
- ◆◆◆ CONTROLLABLE STORAGE
- ◆◆◆ DIRECTLY RECORDABLE

Application: Change scanning formats; slow scan video display; radar bright display; sonar bright display; bandwidth compression or expansion; intermediate storage of video data.



GENERAL ELECTRODYNAMICS CORPORATION

4430 FOREST LANE • GARLAND, TEXAS 75041 • PHONE 214 BR 6-1161 • CABLE: GECGARLAND

ED609

NAME: _____

TITLE: _____

COMPANY: _____

ADDRESS: _____

CITY: _____ STATE: _____

AREA CODE: _____ PHONE: _____

I USE THE FOLLOWING RADAR EQUIPMENT:

MODEL: _____

ANTENNA ROTATION RATE: _____

PULSE REPETITION FREQUENCY: _____

RANGES USED: _____

TYPE PPI DISPLAY: _____

RECORDING EQUIPMENT: _____

OTHER PERTINENT INFORMATION:

MY APPLICATION FOR THE ED 6052 IS:

FIRST CLASS
PERMIT No. 92
GARLAND, TEXAS

B U S I N E S S R E P L Y M A I L

NO POSTAGE STAMP NECESSARY IF MAILED IN THE UNITED STATES

POSTAGE WILL BE PAID BY

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Garland, Texas 75041
